

# English Sparrow Record

Blue Bond



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## Trap No. 1

July	7 a.m.	5 p.m.
17	Set near Teapole	- nw
18	No Young in Trap	ns
19	no	1
20	3	no
21	no	no
22		

## Trap No 1

Changed Barrow st,  
July 22

22	5	4	2	0
23		4	3	0
24	0	0	4	2
25	0	0		
26	0			
27	0			
28	0			
29	0			
30	0			
31	0			

# Trap no. 2

July	7 a.m.	5 p.m.
17	In lot back of Greek	No
18	Young in trap.	No
19	Young in trap.	No
20	No	No
21	No	No
22	No	No
23		

# Trap no. 2

Changed to Barrow St.

July	1	1
23	1	1
24	0	0
25	0	0
26	0	-
27	0	3

# Trap. No. 3

July	7 a.m.	5 p.m.
17	In lot by manure back of Greek	No
18	1	No
19	No	No
20	No	No
21	No	No
22	No	No
23	No	No
24	0	0
25	0	1 sp Brownie
26	0	
29	1 Sparrow, 1 quill	1 Brownie
30	Charged to Caly. Field	
31		2

Trap No. 4

July	7 a.m.	5 p.m.
17	By Calf Corral	no
18	no	no
19	no	no
20	no	no
21	no	no
22	no	22
23	no	0
24	2 Brownies <sup>Brownie</sup> 2 Robbins	0
25	0	0
26	2 Brownies	
29	0	

# Trap. No. 5

July	7 a.m.	5 p.m.
17	Outside Cow corral	no
18	no	no
19	no	no
20	no	no
21	no	no
22	no	no
23	no	
24		

Changed to Barrow St  
July 23

23		0
24	0	0
25	0	0
26	0	0
27	3	-

back Greek Trap no. 6

July 7 a.m. 6 p.m.

17	no	no
18	no	2
19	no Dongintrop	no
20	no	no
21	no	no
22	no	no
23	no	1
24	o	o
25	o	1 brownie
26	o	

Empty nests

South Hall III

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July 19 Bacon Hall  
Palm Tree

Empty nest III 1

Greek Theatre

July 21

Empty 2

Empty 4

Chemestry

Empty III III 1

July 18 Destruction of Nests  
South Hall

1. 3 young, 1 egg (escapes). Places in traps.
  2. 2 young
  3. 2 young, 1 egg
  4. Nest with 1 old + 1.
  5. 3 young 3 eggs.
  6. nest 5 eggs
  7. nest 2 young 4 eggs
  8. nest 1 egg
- 

July 19 South Hall

1. Nest 5 eggs

Bacon Hall July 19

1. Nest 2 young
2. Nest 1 egg
3. nest 3 young + 1 egg
4. nest 3 eggs

North Hall 19 July -

- |   |      |         |         |
|---|------|---------|---------|
| 1 | nest | 5 young | escaped |
| 2 | nest | 3 eggs  |         |
| 3 | nest | 2 young |         |
| 4 | nest | 1 young |         |
| 5 | nest | 2 young |         |

July 21

Pres. House

- |   |      |        |
|---|------|--------|
| 1 | nest | 5 Eggs |
|---|------|--------|

Bacon Hall

- |   |      |        |
|---|------|--------|
| 1 | nest | 2 Eggs |
|---|------|--------|

Greek Theatre

- |   |      |         |
|---|------|---------|
| 1 | nest | 4 Eggs  |
| 2 | nest | 1 young |

G. hemerobry Bldg  
July 22

- |   |      |   |                  |
|---|------|---|------------------|
| 1 | nest | 3 | Eggs             |
| 2 | nest | 2 | Eggs             |
| 3 | nest | 4 | young, cracked.) |
- 23 July Junc 14. 1981.
- |   |      |   |       |
|---|------|---|-------|
| 1 | nest | 1 | young |
|---|------|---|-------|

July 26

Antonio Ralton shot all day, 8 hrs.,  
and killed 52 sparrows with  
22 cal.

If these 10 were adult males  
8 " " females

and 34 were young of the year

J.S.

Aug. 9

Tony shot 2 hrs., 6 to 8 a.m.  
with 16 ga. shotgun. He used 5  
heavy 10's and 16 light dust.

He got 33 birds — 1 linnet (♂ ad.) and  
32 sparrows; of the latter 5 were  
adult males 4 adult ♀'s, and  
23 young of the year. One of the latter  
was but partly grown.

Many of the young are well  
along with the post-juvenile molt. The  
adults are scarcely begun.

Aug. 11

Tony shot for 2 hrs., 6 to 8 a.m.  
with 16 ga. He used 7 heavily loaded  
(special duck). He killed 11 birds  
with one shot.

Total results: 27 - 2 limits,  
adult ♀ ♀, and 25 sparrows; of  
the latter there were 8 adult males,  
4 adult females and 13 young of the  
year.

Aug 12

Tony killed nine E. Sparrows  
in three shots this A.M., Of  
these there were 1 adult ♀, 4  
juv. ♀'s, 1 adult ♂, 2 juv. ♂'s, and 1 ?.  
The latter was shot to pieces  
and left in the field.

Aug. 13

Tony killed 3 sparrows with 4  
shots. 2 im. ♂♂; 1 im ♀.  
6 to 8 a.m. "Very shy!"

Tony costs 30¢ per hour.  
The six (6) sparrow traps,  
purchased from Dickson & Holbrook,  
cost \$25.50.

J.G.

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Aug. 15 to Sept. 5 - Sparrows seem  
to have largely deserted the campus;  
are now in large flocks on hills  
of north Berkeley. — J.G.

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Sept. 6: — Tony asserts that he has  
shot 63 sparrow with .22 cal., for  
his own personal use (eating) around  
President's house (in Clark Hall yard), since  
Aug. 15 — J.G.

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Sept. 8 - 1913

6 to 8 a.m., Tony shot eleven sparrows  
(5♂♂ + 6♀♀) moulting,  
with 4 heavy 10's, & 6 light ones  
about — 16 gm. J.G.

Sep. 9-1913

Tony shot for  $\frac{1}{2}$  hours this morning: 11 sparrows (7 ♂, 4 ♀). with 7 light 16 ga. & 2 heavy 10's

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Sept. 10

Tony shot for  $\frac{1}{2}$  hrs. this morning:  
7 sparrows (4 ♂, 3 ♀).  
with 11 light duck - 16 ga

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Sept. 11

Tony shot for  $\frac{1}{2}$  hrs this morning,  
6 to 7:30. 5 sparrows (3 ♂ 2 ♀)  
with 9 light duck - 16 ga.

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Sept. 12

Tony shot for  $\frac{1}{2}$  hrs this morning  
6 to 7:30. 14 Sparrows (6 ♂, 8 ♀)  
+ 1 Nuttall Sparrow  
with 9 light duck 5 heavy 10's - 16 ga.

Sept. 13

Tompson for  $1\frac{1}{2}$  hrs., 6 to 7:30 a.m.

5 sparrows (3 males, 2 ♀).

With 2 heavy 10's + 3 light dms. - 16 ga.

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Nov. 14, 1913,

Set four traps in shrubbery on north side of Physiology Building. Barred with wheat. A good rain lasting over a week has set the grass growing. They have cultivated some of the ground in the near vicinity preparatory to planting grass. Consequently the sparrows flock to this locality to feed. Juncos and white-crowned sparrows are very abundant where the traps were set and it is possible that they will be the birds trapped. Wheat cost 25cts.

Date	Horn.	Trap # 6	Trap # 4	Trap # 1	Trap # 2
Nov. 14	3:50	W.C. juv.			
Nov. 15.	8:10	luc. juv.			
" 16	9:30	luc. (cat by cat)			
" 17	9:15				
" 18	9:45	Very rainy all day. 2 juv. w.c. (had taken)	1 juv. w.c. (had taken) 3 ad. ..	2 w.c. juv. 1 Eng. ♀	2 w.c. juv. 1 Eng. ♀
" 19					
" 20		Moved to vicinity of Museum			
" 21		-			
" 22		-			
" 23		-			
" 24		Traps taken in. No success!			

Bader planned that he caught  
15 English Sparrows, a Blue Jay and  
a Towhee the first day with the traps  
set at the seminary. He used  
peanut butter and was well re-  
warded. H.C.B. Sept. 6, '13.

Tuesday, December 30 - 1913.

Cloudy and began to rain.

Went out 7 to 8 a.m. over the Campus after sparrows. Neither saw nor heard a single one!

Monday, January 5 - 1914.

Clear. Went all over lower Campus after sparrows, 7 to 8 a.m. Found just one bunch, of perhaps 25, on west side of South Hall in (leafless) ivy on walls, in palm trees, and in bushes adjacent. Shot three with 3 shots and got two, ♂ + ♀. Otherwise, I only heard distant chirps from across streets outside of Campus.

Tuesday Feb. 7, 1914

Bryant & I went after sparrows from 7-7:45 a.m. Bryant used the .32 aux. + got 2 sparrows + killed 3 others; I used the British air rifle + got none but only killed 2. Total 7 dead. The sparrows hide themselves closely in dense brush & in the palm trees, where the hunter gets very fleeting glimpses. Those in the palms when shot rarely all fall into the axils + never come down.

Feb. 10-1914 - Tuesday.

Hunted for  $\frac{1}{2}$  hour between 7 + 8 this morning. Killed 5 English sparrows around South Hall, but got only one. also killed accidentally a Nuttall Sparrow, immature. The English Sparrows are exceedingly wary and scarce.

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April 6, 1914

Worthern hunted from 6 to 8 a.m.; brot in 9 English Sparrows, 8 of which are adult males, and one ♀ linnet (not yet nesting). He shot and lost in palms or bushes three other sparrows, and shot 15 aux. shells in all.

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Searched around Smith, Budd & Bacon Halls.

April 7, 1914

Worthern hunted from 6 to 8 a.m. Brot in 9 English Sparrows, 6 ♂'s and 3 ♀'s; one other was shot + lost in palm. 14 aux shells were fired. All around campus buildings.

The ♀ ♀ shows signs of nesting.

April 8, 1914

Worthen shot from 6 to 8 a.m.,  
and got 10 English Spaniars, 7 ♂♂  
and three ♀♀; with 11 aux shells.  
All around Mechanics' North & South  
+ Barn Halls

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April 9, 1914

Worthen shot from 6 - 8 A.M.  
and got 11 English Spaniars,  
8 ♂♂ and 5 ♀♀.

April 10, 1914

Worthen shot from 6 - 8 A.M.,  
and got 6 English Spaniars  
and 1 ot Seinet. Of the English  
Spaniars 3 were ♂♂ and 3 ♀♀.

April 9, 1914

Day rainy. Worthen and another man took ladders and went to work in the afternoon tearing down English Sparrow's nests. The following table gives the results:

Place	Number of nests	Remarks
Pipe Shop - West gable	1	Empty
Pow'r House - Cornice SW. corner	1	3 young; 1 egg.
Boat Hall - East window	1	2 young
" " "	1	Empty
" " - North center	1	4 eggs
" " " East	1	3 young, 2 eggs
" " West South.	1	Empty.
Sather Gate Arch	1	Empty.
South Hall SW. header	2	"
" " West side 2oth floor and	2	"
" " West side - south	1	4 young
" " " " "	1	5 "
" " " " "	1	4 " ; 1 egg.
" " Fire escape	1	Empty
" " West side, South	1	2 young; 1 egg.
" " " " "	2	Empty.
	19	23 young; 9 eggs.

April 11, 1914

Worthen shot 9 English  
Spaniels this morning. Seven  
were males and two females.  
One male Nuttall Spaniel  
was shot by mistake.

April 13, 1914

Worthen shot 11 in 14 shots  
in Acacia trees by Bolt Hall,  
one in Botanical Garden and  
one on bleachers. Saw one  
young one which he used as  
bait and got four adults.  
4 were ♂♂ and 5 ♀♀.

April 14, 1914

Worthen shot 13 English Spaniels  
and a ♀ linnet. Seven (7) of the  
E.S. were ♀♀ and one was a juvenile.

April 13.

Destruction of nests by Worthen and  
a helper resulted as follows.

Place	No. of nests	Remarks
North Hall, South and near Fire Escape	3	old, empty
" " SW. corner	2	old; empty
" " "	2	empty
" " West side South	2	
" " " S. porch SW. cor.	3	"
" " " " N.W. "	2	"
" " " near S. porch	1	"
Bacon Hall, North Palm S. side	1	5 eggs
" " over Weather Bureau door	1	1 young, 2 eggs
" " South palm, 8 ft. high	1	4 young
" " " "	1	empty
" " " "	1	3 young
South Hall, behind bacon N.W. corner	3	old nests
" " West side North	2	empty
" " " Near N. Fire Escape	1	4 young
" " " " "	2	empty
" " " " "	1	(dead) 3 young; 1 egg
" " Porch N. side	2	empty
" " Porch N.W. corner	1	"
" " SW. "	1	4 eggs
" " S.W. pillar	1	empty
" " S.W. corner	1	1 egg.
" " South S. of Porch	2	empty

South Hall South S. of Porch	1	empty
" " S.E. Corner	1	3 young.
Bacon Hall, South Palom	1	empty
" " " "	1	(dead) 2 young; 1 egg
" " " "	2	empty,
Bacon Hall South door high	1	empty
" " " " "	1	5 young.
Total = 6 old nests; 28 empty new nests; 25 young; 14 eggs.		

April 15, 1914.

Worthen shot five English Sparrows this morning 4 of which were females and one of which was a male. They are growing more shy and consequently more difficult to shoot.

April 16, 1914

Worthen shot 5 English Sparrows  
only one of which was a female.

April 18, 1914

Worthen shot 5 ♂♂, 5 ♀♀ + 2 juv.  
English Sparrows

April 20, 1914

Worthen shot 1 ♂, 3 ♀♀, + 1 juv.  
English Sparrows

April 21, 1914

Worthen shot 2 ♂ + 3 ♀ English Sparrows  
and one ♀ Linnet - around South Hall.

April 16

Destruction of English Sparrow nests by  
Worthen + assistant resulted as follows.  
All day - 8 hrs.

Place	No. nests	Contents
Acacia, between Calif. + Boat Hall	1	5 dead young
C.E. Bldg., SW corner	1	3 eggs; inc. adv.
" " "	3	empty
" " South side	7	empty
" " "	1	(7 eggs, mostly fresh (1 recent)
" " "	2	empty
" " Over door	2	empty
" " East side	10	empty
" " North side	1	empty
<hr/>		
C.E. Bldg. North side, centre	3	empty
" " " " " west	1	3 fresh eggs
" " NW corner	7	empty
" " West side	52	empty, mostly last year's
" " South side	4	empty, last year's
" " " " "	1	" " "

Total: 57 old nests, empty.

35 other empty.

5 dead young.

13 eggs.

April 17

Destruction of English Sparrow's nests  
by Worthen and helper resulted as follows:  
Worked from 10 a.m. to 5 p.m., with noon out.

Place	no. nests	Contents
Calif. Hall - Cornice under tile:		
East side centre	3	empty
" " south	1	1 egg
" " "	3	empty
" " "	1	dead young.
S E corner	5	empty
South end	12	empty + rotten egg
West side south	3	empty
NW corner	1	empty
—	—	—
Gather Arch	1	new, empty
Mechanic Bldg South side	4	old nests empty
" " " "	3	last year's
" " " "	1	1 egg
North Hall, East side	1	empty
" " " "	1	3 eggs
" " " "	3	empty
" " " "	1	last year's
" " " "	3	empty
" " " N E corner	1	empty
Total:	44	empty nests
	3	dead young
	7	eggs

Summary of English Sparrow  
Campaign on Campus in April 1914.

Worthen shot 26 hrs. (2 hrs each morning  
for 13 days) and brought in 112

Eg. Sparrows, of which 63 were adult  
males, 45 adult ♀s, and 4 full-grown young.

Worthen is paid 35¢ per hour; therefore killing  
of this number cost \$9.10 plus cost of ammunition.

Worthen with his helper (at 30¢ per hour) worked  
26 hrs., and tore down 187 nests, which  
held 56 young and 41 eggs, costing

\$15.10.  
The entire April campaign cost \$24.25  
the funds being supplied by

Mr. Martens.

It appears, therefore, by far  
the cheaper method to shoot,  
just before the breeding season.

12

13

13 December 1913

14 December 1913

15 December 1913

15 December 1913

20 December 1913

16 December 1913

16 December 1913

In Feb. 1913 snowdrifts were still  
up. I went up and down.  
I made traps and  
trapped the ground where there was

no snow. I found no game except  
pika, a lot of ptarmigan, a few  
waterfowl and some small birds  
but no mammals.

Edwin D. Parker.

February, 1914

## New Campaign

June 3 - 1914 in barnyard + around campus

R. E. Forbes shot this morning from 6 to 8, using 16 ga. gun & heavy dust. He got 12 English Sparrows: 1 ad ♂, 1 ad. ♀, and 10 full-grown juveniles, some beginning the post-juv. molt. <sup>5 of the jrs. are males and 5 females.</sup>

June 4

Forbes shot this morning around Boalt Hall, North & South Halls, from 6 to 8, as above. He got in 13 Sparrows: 2 ad. ♂♂, 5 ad. ♀♀ and six full-grown juveniles. Of the juvenals sexed with certainty 2 were ♂♂, 3 ♀♀.

June 5

Forbes shot this morning on Campus from 6 to 8, as above. He got in 18 sparrows: 5 ad. ♂♂, 4 ad. ♀♀, and 9 full grown juveniles.

Of the juvenals sexed with certainty, 3 were ♂♂, 4 were ♀♀.

June 8

Forbes shot this morning on Campus from 6 to 8, as above. He got in: 11 sparrows: 5 ad. ♀♀, 1 ad. ♂, + 5 juvs. Also one ♀ Linnet.

June 9 - 1914

Shot this morning on Campus from 6 to 8, as above. He brot in: 16 sparrows: 6 ad. ♂♂, 6 ad. ♀♀, 3 ju. ♂♂, 1 ju. ♀.

June 10

Shot as usual two hours in early morning. Brotn: 19 sparrows:

3 ad. ♂♂, 7 ad. ♀♀, and 9 fullgrown jvs.

<sup>2 of the jvs are 5♂, 7♀.</sup>  
These and the rest for the last few days have been mostly shot on the grain field near the vegetable garden on the western edge of the Campus.

June 12

As usual; brot in: 8 sparrows, consisting of 2 ad. ♂♂, 3 ad. ♀♀ and 3 jvs. — and one juv. Linnet.

June 13

As usual; brot in: 11 sparrows; = 1 ♂, 3 ad. ♀♀, 7 jvs.

June 15

Forbes shot as usual 2 hrs. this morning; brot in 5 sparrows; = 4 ad. ♂♂, 1 ju. ♀. He reports sparrows as now extremely wary, so we will not hunt anymore for a time.

June 23

Forbes shot two hours this morning:  
but in 17 sparrows (from agricultural gardens).  
These were turned over to Zool. Dept. for class  
work and no record kept of sexes, etc.

June 26

Forbes shot in gardens this morning.  
But in 26 sparrows: 2 ad. ♂♂, 4 ad. ♀♀, and  
20 juvenals. Of the juvenals 8 are ♀♀, 9 ♂♂, 3 indeterminate.

1916

W.C. Newberry operating.

January 12.

Shot an acapulca, near Harmon  
gym. for about  $\frac{1}{2}$  hour (7:15 - 7:45 A.M.)  
3 ♂♂ brought in and one lost  
after being shot. Total 4 sparrows.

Note: Saw English Sparrow (♂) attack  
two dwarf hemlock thrushes and drive  
same out of tree. Was not found  
mixing with any other species.

Jan. 13 -

Hunted on campus near Chem.  
Bldg. - Faculty club - 7:15 A.M. to  
7:45 A.M. shot 3 birds, brought  
two in. (BBB). One bird dropped &  
into thick brush & not found.

NOTE: Rainy, foggy morning. Robins,  
Varied Thrushes, Intermediate & Metal  
Spasrows plentiful & foraging. English  
Sparrows seem affected by rain  
& were quiet & in hiding. Only  
saw 4 birds in half hour.

Jan. 15

Hunted on campus near  
chem., Civil Eng. Bldg. & old auth of  
dog museum. Shot & dropped  
6 birds, found 4. BBB.

Wounded 3. Time 7:15 to 8 A.M.

Jan. 18 -

Hunted on campus - 7:15 to 8 A.M. - Shot 3 sparrows all ♂♂, at east end of Botanical Gardens. Saw only one bunch of any size and a few singles.

Kept a rough census of birds seen - Sparrows 18, Others 53.

May have counted some sparrows twice!

Shot into bush containing 4 or 5 Eng. Sparrows + about 8 Nottals. At some I shot all. Eng. Sparrows left the neighborhood. - Nottals never left bush or showed signs of alarm. No sign of nesting.

- Jan. 20 -

Hunted on campus, 7 to 7:45 A.M. No luck. Wounded two birds but failed to get them. Are too wary to get with 22 cal.

Bird census - 76 others

21 sparrows (Eng.)

Only two flocks on campus that I am sure of finding.

- Jan. 21 -

Hunted on campus 7 to 7:45 A.M.  
Used to shot gun with 32 cal.  
aux. Dropped 4 sparrows & got 3.  
(2 ♂♂ and 1 ♀.) Saw the same  
two flocks again today, one  
at east end of Botanical Gardens  
and other at Anthropology Bldg.  
Bird Census. Eng. Sparrows 20 (?)  
Others 63.

no sign of sparrows nesting.

11

- Jan. 25,

Hunted on campus ( $\frac{3}{4}$  hr.)  
from 7 - 7:45 A.M. at east end  
of Botanical Gardens & around  
Elect. Eng. Bldg. Shot two sparrows,  
♂♀. Believe I wounded one  
at ~~the~~ south end of Anthropology Bldg.  
no sign of courting or nesting.  
Other birds, such as Brown

Towhees + song sparrows are beginning to show signs of interest in each other.

Census:

Eng. Sparrows - 8.

Others - - - - 54.

Weather: foggy - damp

— Jan. 26 —

Hunted on campus  $\frac{3}{4}$  hr. (7-745 AM). Started near Cullen St. gate, Agriculture Bldg. and Botanical gardens but saw no birds. Saw 3 in fog on wall of Civil Eng. Bldg. but could not get a shot. Saw a small flock of 4 back of Anthropology Bldg. Shot 2., ♂, caught on branch of tree + was still there at noon. Broke wing of a female but could not catch her. Shot a fox sparrow by mistake.

Mortality: Eng. Sparrows 8 ♀  
Fox Sparrow 8

Census: Eng. Sparrows 7  
Others 61 67

- Jan. 29 -

Hunted on campus 1 hour,  
(7 to 8 A.M.) Found two flocks,  
and two singles. Killed 4 sparrows.  
2♂ & 2♀. Largest flock is  
always found in vicinity of the  
Infirmary. No sparrows found  
around the Greek Theater.

No signs of courting or nesting.

Census:

Egg. Sparrows	13
Others	55

- Feb. 1, —

Hunted on campus  $1\frac{1}{4}$  hours  
(6:45 to 8 A.M.) around Harmon gymnasium,  
Cal. Hall, Botanical Gardens &  
Infirmary. Also looked around  
Greek theater but saw none.

Got 3 shots and killed 2♂.

Birds very wary and hard to approach. No sign. of nesting.

Census: Egg. Sparrows 16

Others 64.

— Feb. 2 —

Time, 1 hour.

Hunted on campus near Philosophy Bldg. & Infirmary.

Shot 3 birds but could only find

2. — Brought in 1 ♂ and 1 ♀. Total 1 ♀

NOTE: Took an injured Sierra Juncos  
away from a cat near Civil Eng.  
Bldg.

Census: Eng. Sparrows 14

Others 59

11

— Feb. 5 —

Hunted on campus (1 hour) 7-8 A.M.

near Bacon Hall, Botanical gardens  
and Infirmary -

Shot 6 sparrows, all ♀♀ - lost one in  
large palm near Bacon Hall. Brought in  
5. —

Saw no signs of nesting. Saw no  
nest near Power house as reported. ~~No~~  
~~birds~~ near power house. A new flock  
appears to have invaded the campus.  
Are hanging around Bacon Hall.

Census: Eng. Sparrows 15

Others 41

Rather dark & foggy.

- Feb. 7 -

Hunted on campus  $\frac{3}{4}$  hr (7:15-8:15)

Shot two sparrows BB - lost one in patch of ivy at end of Cal. Hall. Also wounded 1 ♀. Birds quiet. Dark & cloudy.

Census: Eng. Sparrows 12  
Others 61

Notes: Census Sunday, Feb. 6 - 12-1 noon.

Eng. Sparrows 10  
Others 34

Saw two males in vigorous pursuit of a female.

- Feb. 8 -

Hunted on campus 1 hr (7-8 AM)

Shot 4 sparrows 3 BB, 1 ♀.

Sparrows quite plentiful. Believe a new flock has migrated onto campus since no flock was quite tame.

Census Eng. Sparrows 22  
Others 58

- Feb. 9 -

1 hr.

Hunted on campus near Col. Hall & ~~N.~~<sup>E.</sup> end of  
Botanical gardens from ~~to~~ 6:50-7:50 A.M.  
Shot 4 sparrows 2 ♂♂ and 2 ♀♀ and  
wounded one ♂. Birds are just a  
little less wary. Saw no signs of  
nesting or rearing.

Census Eng. Sparrows 18

Others 51

Later:- saw two ♂♂ in penit of a ♀  
in Pepper tree back of Museum.

— — — — —

— Feb. 11 —

Wandered on campus 1 hr. (6:50-7:50)

Shot 4 Eng. Sparrows 2 ♂♂ + 2 ♀♀.  
One flock was quite tame. Still  
no signs of nesting.

Census Eng. Sparrows 18

others 64

Feb. 12 -

Hunted on campus 1 1/4 hrs. (6:45 - 8:15)  
Eng. Sparrows  
Birds were very wild. Only got 3  
shots. Brought in 1 ♀, lost one ♀.  
Total 2. Falcon that was on campus  
yesterday has apparently left.

Made trip to dairy farm but  
no no sparrows.

Census Eng. Sparrows 20  
Others 94

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- Feb. 14 -

Hunted on campus 1 hr. (6:50 : 7:50)  
Shot 5 English Sparrows 3 ♂♂ and  
2 ♀♀. Lost 1 ♂ + 1 ♀ in top of palm  
at South Hall.

Census: Eng. Sparrows 16  
others 49

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Note: Saw ♀ Eng. Sparrow carrying  
nesting material to ears of a  
horse at noon. Location - Chapel  
St. First sign of nesting activities.

Feb. 15

Hunted on campus 1 hour (6:50-7:50)  
Shot 3 Eng. Sparrows 2 ♀, 1 ♂.  
Lost the male in ivy on S. Hall.  
Census: Eng. Sparrows 18  
Others 47.

Birds very wild this morning.

- Feb. 16 -

Hunted on campus 1 hr. (6:50-7:50)  
Shot 3 English Sparrows 2 ♂, 1 ♀.  
Lost 1 ♂ in刺 brush near  
Campus available. Brought in ♀.

Birds (Eng. Sparrows) are beginning to  
scatter out in 2's and 3's. Some new  
signs of nesting.

Census Eng. Sparrows 17  
Others 88.

- Feb. 17 -

Hunted on campus  $1\frac{1}{4}$  hrs. (6:25:7:15<sup>0</sup>)  
Saw only one flock quite well  
scattered out, near Bacon Hall.  
Were very wild.

Shot 2 ♀.

No signs of nesting on campus  
so far.

Census: Eng. Sparrows 15  
Others 82

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II

- Feb. 18 -

Hunted on campus, etc. (6:50:7:50)  
~~Shot~~ Shot & killed 3, wounded 2, 87.  
Birds quite wild.

Census: Eng. Sp. 17  
Others 66

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II

- Feb. 19 -

Hunted on campus  $1\frac{1}{4}$  hrs. (6:25:7:50 AM)  
Killed 3 sparrows - 2 ♂ + 1 ♀.

Saw plenty of signs of constipation but  
no nest building.

Census Eng. Sp. 18  
Others 40.

(6:35-7:50 AM) Feb. 22 — Nine  $1\frac{1}{4}$  lbs.

Hunted on campus - shot 3 Eng. Sparrows  
♂♂ and 1 ♀. Lost 1 ♂. Total 3 dead.

Birds are quite wary & there seems to  
be no new flocks on campus  
altho' the numbers of individuals  
are not noticeably diminished.

Census Eng. Sp. 14

Others 48

- Feb. 23 -

Hunted on campus 1 $\frac{1}{4}$  hrs (6:35-7:50 AM)  
Shot no birds as it was very  
windy and the few sighted were  
keeping close to the eaves of the  
buildings & flying high. The other  
birds were not as conspicuous.

Census Eng. Sp. 12

Others 57

Feb. 24

Hunted on campus  $1\frac{1}{4}$  hrs. (6:35 - 7:50 A.M.)  
Clear quiet morning - sparrows  
active and noisy although very  
wild. Shot 2 ♂♂ & 1 ♀. Lost 1 ♂ in  
thick bushes across from Harmon  
gym. Others shot near Bacon Hall.

No signs of nesting although it is  
possible that my presence keeps  
them on the move. Am going to  
try baiting them.

Census Eng. Sp. 16

Others 52.

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- Feb. 25 -

Hunted on campus  $1\frac{1}{2}$  hrs. (6:30 - 8:AM)  
Windy and consequently birds were  
hard to approach. Hunted around N. & S.  
Halls, Bacon Hall, Civil Eng. Bldg. and the  
University Anthropology. Shot live birds,  
1 ♂ and 1 ♀. Was unable to get to  
where the male fell.

Census : Eng. Sp. 21.

Others : 58.

- Feb. 26 -

Hunted on campus 1 hr. (7-8 AM)  
Covered thoroughly the western part  
of the campus. Only Eng. Sparrows  
seen there were a flock of 4 feeding,  
in olive trees near Eng. Hall. Nearly  
all other varieties on campus were  
feeding in large numbers upon  
the olives which are nearly ripe.

So many individuals in sight  
that it was impossible to take a  
census. Estimate - 300 - 500.

NOTE: Near Bacon Hall where it is  
impossible to get near an Eng Sparrow  
at 7:30 I was within 6 ft. of 4 at  
8:30. Carrying gun the same as  
usual.

Census Eng. Sp. 12

Others - Several hundred.

Shot one ♀. out of an Olive tree.

~~~~~

(6:25 - 7:50 AM)

Feb. 28 -

time  $1\frac{1}{4}$  hrs.

Hunted on campus near Ag. Hall.  
Only sparrows there (2) took refuge on  
top of bldg. out of range. Then went  
over near Bacon Hall but failed to  
get a shot there. Then hunted back of  
Museum of Geol. Anthropology. Shot  
two birds there ♂ & ♀. Lost one in  
thick clump of acacias. Birds still  
in small flocks & no signs of  
nests found around bldgs.

Census Eng. Sparrows 13

Others - 103

— 11 —

Feb. 29 -

Hunted on campus  $1\frac{1}{2}$  hrs. (6:30:8 AM)  
Saw two Eng. sp. near Ag. Hall but  
could not get a shot. Then found  
small flocks around Philology Bldg.  
& Bacon Hall. Missed two shots with  
32 aux. Then killed one with  $\frac{1}{2}$  load  
16 gauge. Lost him in thick brush  
around Civil Eng. Bldg.

Census: Eng. sp. 18

Others more than 100.

- March 1 -

Hunted on campus  $1\frac{1}{4}$  hrs. (6:35-7:50 A.M.).  
Windy and a little rain. All species of  
birds & especially warblers quiet as a result.  
Hunted near Ag. Hall - Bacon Hall + Part. Bldg.  
Shot + secured 2 ♀♀. Wren-like 1 ♂. Also  
shot by mistake a ♀ Nutall Sparrow.  
Saw no signs of nesting.

Census Eng. Sp. 14  
Others 87

— H —

- March 2 -

Hunted on Campus  $1\frac{1}{4}$  hrs (6:35:7:50 A.M.)  
Killed 3 ♀♀ and 1 ♂. Lost, one in tree, one in ivy  
and one in thick brush. Bronglit in 1 ♀.  
Total 4 birds. Still no signs of nesting.  
Note. Saw ♀ Nutall Sparrow gathering  
nesting material.

Census : Eng. Sp. 18  
Others 63.

— 14 —

- March 3 -

Hunted on campus  $1\frac{1}{4}$  hrs. (6:35:7:50 A.M.).  
Shot 3 ♂♂. Lost one.

Birds very wild. No nesting signs.

Census : Eng. Sp. 18  
Others 66

- March 4 -

Walked on campus 1 1/2 hrs. (6:35:8 AM)  
near Harmon Gym, Porch House, Bacon Hall  
Philosophy Bldg and Pathology lab. Found  
Eng. Sparrows near Bacon Hall and  
the Pathology lab. Shot 4, 3 ♂♂ and 1 ♀.  
One ♂ got away by crawling into drain  
pipe. Others brought in. The Eng Sparrows  
are still flocking and no nesting  
building or nests seen so far.

Census Eng. Sp. 15  
Others 91

— 11 —

- March 6 -

Walked on campus 1 1/2 hrs. (6:30 - 8 AM)  
In usual places as above. Shot &  
killed 3, 2 ♂♂ and 1 ♀. Wounded one  
♂. Eng. Sparrows were flocking & fighting  
among themselves with much  
noise.

Census Eng. Sp. 19  
Others 97

— 11 —

- March 7 -

Hunted on campus 1½ hrs (6:30-8 AM)  
Shot first near Ag. Hall. Saw 3 Eng. Sp.  
there but was unable to get a shot.

Hunted small flock around Harmon  
gym. and another around Bacon Hall.

The birds around Bacon Hall are  
resident in that one spot. Can always  
be found there. all other flocks on  
the campus are slightly migratory.

Searched carefully in eaves of the  
various bldg. but saw no nests nor  
have I seen any nest building so far.  
Census Eng. Sp. 29

Others 63

NOTE: 1 11  
forgot to say that I killed & brought  
in ~~2~~ 2 ♀s and 1 ♂ and wounded 1 ♂

11  
- March 8 -

Hunted on campus 1½ hrs (6:25-7:55 AM)

Shot 1 ♂ Eng. Sp. & wounded 1 ♂ which  
I failed to get. Believe that they are  
beginning to rest under eaves of  
Mining Bldg.

Census Eng. Sp. 23  
Others 103.

- March 9 -

Hunted on campus  $1\frac{1}{2}$  hrs. (6:20-7:50 AM)  
around Calif. Hall, Garrison Gym.  
North & South Halls, Philosophy Bldg.  
Mining Bldg. & Pathology Bldg.  
Killed 18 Eng. Sp. & wounded 14.

Have this to offer as a result  
of many observations: The Eng.  
sparrows are the most plentiful  
upon the campus in those  
sections which are the most  
thickly populated by humans.

The center of the Sparrow  
population is inside of the  
square made by North & South  
Halls, Bacon Hall & the Philosophy  
Bldg.

Counts: Eng. Sp. 19  
Others 83.

- March 10 -

Hunted on campus  $1\frac{1}{2}$  hrs. (6:25 A.M. - 7:55 A.M.). Shot & killed 7 Eng. Sp. Brought in 5 (3♂♂ and 2♀) lost 2. One in fence by Bacon Hall and 1 on roof of Bacon Hall, both ♂♂.

Birds were quite wild this morning. I have found no nests so far but 2 of the birds shot this morning were in the act of copulation so nesting season is apparently close.

The nest under observation off the campus is abandoned. Probably a premature attempt.

Census Eng. Sp. ~~\*\*~~ 20  
Others 79

pd.  
3/10/16

- March 11 -

Hunted on campus  $1\frac{1}{2}$  hrs. (6:30:8 A.M.) Shot & killed 2♂♂ and 1♀. Wounded 1♀. Birds shot near Power Plant and 2 below were stragglers from off the campus. Almost impossible to shoot any of the Bacon Hall flock.

Census: Eng. Sp. 25  
Others 51

- March 13 -

Hunted on campus  $1\frac{1}{2}$  hrs (6:25:7:55 A.M.)  
Searched near Ag. Hall & Center St. gate but  
so no Eng. Sp. Found flock of 4 near  
Harmon Gym. and rest of them near  
South & Bacon Halls. Only succeeded in  
wounding 1 ♀.

Found 1st nest on campus, in  
metal scroll work over Sather Gate.  
Have a suspicion that 2 ♀ and 1 ♂  
are occupying the nest. Crows have  
killed the three easily but let  
them remain for future observation.

Census Eng. Sp. 18

Others 61.

— March 14 —

Hunted on campus  $1\frac{3}{4}$  hrs (6:10:7:55 A.M.)  
Killed 4 Eng. Sp. 3 ♀ and 1 ♂. Lost the 5 bird.  
Also wounded one. Saw more sparrows  
than usual but to do so covered more  
ground this morning. Hunted down  
between the athletic fields to Bancroft  
Way - Near girls gym. etc. as well as  
usual places.

Census Eng. Sp. 25

Others 89

- March 15 -

Hunted on campus  $1\frac{1}{2}$  hrs. (6:25:7:55)

Killed 3 ♀s and wounded 1 ♂.

The nest over the Salter gate still appears to be occupied by 2 ♀s and 1 ♂. Am trying to obtain convincing evidence of polygamy.

Census Eng. Sp. 17  
Others 53

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- March 16 -

Hunted on campus,  $1\frac{1}{2}$  (6:25:7:55)

Killed 4 ♀s. Lost one in thick clump of Acacia. Hunted more on outskirts of campus this morning, hence the reason why fewer birds were seen. Nothing new as to habitat noted.

Census Eng. Sp. 9  
Others 54

- March 17 -

Hunted on campus  $1\frac{3}{4}$  hrs (6:10 - 7:55 A.M.)  
Saw a few birds near Harmon Gym.  
but was unable to get a shot.

The observations made this morning  
show that Eng. Sq. birds off the campus,  
come onto the campus and when  
they do so, are just as wild &  
wary as those which apparently  
live there and leave bare ground  
each morning. As soon as the  
flock left the campus they could  
be approached to within a few feet.

Also, there were no birds  
around Bacon Hall this morning.  
Perhaps the continual shooting at  
them there has caused them  
to migrate. They are as  
plentiful as usual around  
the Plywood Oly Bldg. & North Hall.

Shot & killed 1 ♂ & 1 ♀. Wounded

1 ♂.

Census Eng. Sq. N.  
Others 52

— — —

- March 18 -

Hunted on campus 2 hrs. (6-8 AM)  
made a pretty liberal sweep went around  
Center St. Gate; Ag. Hall and over usual route.  
The Eng. Sp. were back at Bacon Hall  
but left as soon as I shot one.

An individual ahead of me was  
able to pass within 40 ft. of 3 sparrows  
which I cones not approach, hence they  
are able to recognize me.

Killed 4, 2 ♂♂ and 2 ♀♀ and wounded  
1 ♀. Lost 18 + 1 ♀, brot in 2.

The other species were in such  
great numbers among the Olive  
trees near Ag. Hall that it was unable  
to take a census of them.

Eng. Sp. 23.

11  
- March 20 -

Hunted on campus 1½ hrs. (6:25-7:55 AM)  
Rainy & foggy and birds of any kind not  
much in evidence. Killed 1 ♀, wounded 18  
and also killed 1 ♀ Metal Sparrow.

Census Eng. Sp. 11  
others 37

- March 21 -

Hunted on campus 1½ hrs (6:25-7:55 AM)  
Clear cold morning. Birds all very active.  
Eng. Sp arrows particularly sly. Only  
succeeded in getting 1 shot and bagged  
a ♀. Saw several small flocks, flying  
high, cross over from city streets onto  
campus and back again apparently  
they move about quite a little. Bacon  
Hall again the home of several.

Census Eng. Sp. 31

Others 142

— March 22 —

Hunted on campus 2 hrs (6-8 A.M.).  
Covered the ground thoroughly and only  
succeeded in getting two shots, killing  
1 ♀ which dropped in thick brush along  
ark balcony back of Harmon gym &  
was lost. At least 6 of the Eng. Sp.  
seen, were seen to fly upon the  
campus from Telegraph ave. Others  
were seen flying out, hence there  
appears to be a more or less steady  
movement back and forth.

Question: why do not the Tinmets  
supplant the Eryg. Sp. to a certain  
extent at least, they out number  
them and occupy the same niche,  
i.e.: house tops & telephone wires.  
Perhaps they are not quite as  
aggressive.

Census Eryg. Sp. 22

Others " 3

—

- March 23 -

Hunted on campus ( $1\frac{3}{4}$  hrs. between  
6 & 8 A.M.) Birds very wary. Only  
succeeded in wounding 1 ♀.

Census Eryg. Sp. 14

Others 87

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- March 24 -

Hunted on campus  $1\frac{3}{4}$  hrs. (between  
6 and 8 A.M.) Believe that the only  
real resident birds on the campus  
are those whose range lies in  
section bounded by North & South  
Halls, Botany Bldg., Bacon Hall and  
the Philosophy Bldg. All others, found  
irregularly on other parts of the

campus are those which come  
and go from the streets outside.  
Killed 4 Eng. Sp. 288 and 297, and  
wounded 1 ♀. Lost one ♀ on other side  
of fence to football field.

Census Eng. Sp. 17

Others 117

- March 25 -

Hunted on campus 1½ hrs. (6:20; 7:55 A.M.).  
only succeeded in wounding 1 ♂  
which got away. It belonged to a flock  
of Sparrows which drift in from the  
north side of the campus.

Census Eng. Sp. 19

others 106

- March 26 -

Hunted on campus 2 hrs. (6-8 A.M.).  
Birds (Eng. Sp.) are very wary. Killed 2 ♀♀  
and wounded 1 ♂. Lost 1 ♀ in fallen  
at Bacon Hall.

NOTE: The English Sparrows + Linnets appear  
to dwell in perfect harmony together.  
Found a broken Sparrow egg on  
the ground on West side of South

Hall. Coues first no nest.

Census Eng. Sp. 20

Others 127

11

March 27 -

Traveled on campus  $1\frac{3}{4}$  hrs. (6:10-7:55 AM)

Shot 3 birds, 2 ♂♂ one ♀ 1 ♀.

Wounded & lost 1 ♂.

Birds seem very busy around  
the edges of the various fields, but  
can discern no nests so far.

Census Eng. Sp. 20

Others 66.

11

- March 28 -

Traveled on campus  $1\frac{1}{2}$  hrs.

(6:25-8 AM) Found the birds  
extremely wild. Killed and lost  
in thick bushes 1 ♂, wounded 1 ♂ &  
1 ♀.

Census Eng. Sp. 26 -

Others 93

- March 28 -

Hunted on campus  $1\frac{1}{2}$  hrs. (6:15-8)

The turkeys appeared as plentiful as usual and fully as wary.  
Fired several times at long range.  
Wounded 1 ♂ and 1 ♀. Killed 2 ♀ + 1 ♂.  
Lost one of the females in a tree,  
the bird calling on the limbs.

Census. Aug. 8. 22

Others 77.

11



75-A

Camp 8.